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CUSTOMER NUMBER 25268

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Crossman-Bosworth et al. Attorney Docket No. UNIV0200  
Serial No.: 10/763,896 Group Art Unit: 2131  
Filed: January 23, 2004 Examiner:  
Title: OPTICAL BEAM SCANNING SYSTEM FOR COMPACT IMAGE DISPLAY  
OR IMAGE ACQUISITION

INFORMATION DISCLOSURE STATEMENT

Bellevue, Washington 98004

June 24, 2004

TO THE COMMISSIONER FOR PATENTS:

Applicant is aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

- ☒ 1. Copies of the listed non-U.S. patent publications and other information are enclosed for the Examiner's use.
- ☐ 2. Copies of the listed patents, publications, and other information were previously cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. § 120.
- ☐ 3. A concise explanation of the relevance of document I.D. No. \_\_\_\_\_ (which is not in the English language), as presently understood by the individual designated under 37 C.F.R. § 1.56(c) most knowledgeable about its content, is provided \_\_\_\_\_.
- ☒ 4. Pursuant to 37 C.F.R. § 1.97(b), this information disclosure statement is being filed within three months of the filing date of the national application, within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, or before the mailing date of a first Office Action on the merits.
- ☐ 5. Pursuant to 37 C.F.R. § 1.97(c), this information disclosure statement is being filed after the period set forth in 37 C.F.R. § 1.97(b) but before the mailing date of either a final action under 37 C.F.R. § 1.113, or a notice of allowance under 37 C.F.R. § 1.311, and is accompanied by:
- a. \_\_\_\_\_ a certification as specified in 37 C.F.R. § 1.97(e); or
- b. \_\_\_\_\_ the fee set forth in 37 C.F.R. § 1.17(p). Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ is enclosed.





**CUSTOMER NUMBER 25268**

**INFORMATION DISCLOSURE STATEMENT LISTING SHEET**

**Information Cited By Applicant(s) That May Be Material To  
The Prosecution Of The Subject Application**

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**U.S. PATENT DOCUMENTS**

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub-Class</u>
	US1	2002/0064341	05/2002	Fauver et al.	385	25
	US2	2001/0055462	12/2001	Seibel	385	147
	US3	4,118,270	10/03/1978	Pan et al.	156	659
	US4	4,265,699	05/05/1981	Ladany	156	657
	US5	4,410,235	10/18/1983	Klement et al.	350	96.18
	US6	4,454,547	06/12/1984	Yip et al.	358	293
	US7	4,743,283	05/1988	Borsuk	65	387
	US8	4,768,513	09/1988	Suzuki	---	---
	US9	4,804,395	02/1989	Clark et al.	65	387
	US10	4,824,195	04/25/1989	Khoe	350	96.18
	US11	5,037,174	08/06/1991	Thompson	385	33
	US12	5,074,642	12/24/1991	Hicks	385	116
	US13	5,172,685	12/1992	Nudelman	---	---
	US14	5,231,286	07/27/1993	Kajimura et al.	250	234
	US15	5,247,174	09/21/1993	Berman	250	235
	US16	5,272,330	12/21/1993	Betzig et al.	250	216
	US17	5,286,970	02/15/1994	Betzig et al.	250	227.26
	US18	5,394,500	02/28/1995	Marchman	385	123
	US19	5,425,123	6/13/1995	Hicks	385	117
	US20	5,459,803	10/17/1995	Yamane et al.	385	33
	US21	5,480,046	01/02/1996	Filas et al.	216	7
	US22	5,563,969	10/08/1996	Honmou	385	35
	US23	5,570,441	10/29/1996	Filas et al.	385	43
	US24	5,627,922	05/1997	Kopelman et al.	385	12
	US25	5,703,979	12/30/1997	Filas et al.	385	43
	US26	5,715,337	02/03/1998	Spitzer et al.	385	4

### U.S. PATENT DOCUMENTS

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub-Class</u>
_____	US27	5,727,098	03/10/1998	Jacobson	385	31
_____	US28	5,894,122	04/1999	Tomita	250	234
_____	US29	5,939,709	08/1999	Ghislain et al.	250	216
_____	US30	6,046,720	04/04/2000	Melville et al.	345	108
_____	US31	6,091,067	07/18/2000	Drobot et al.	250	234
_____	US32	6,097,528	08/01/2000	Lebby et al.	359	251
_____	US33	6,161,035	12/12/2000	Furusawa	600	476
_____	US34	6,211,094	04/03/2001	Adair et al.	348	76
_____	US35	6,294,775	09/25/2001	Seibel et al.	250	208.1
_____	US36	6,327,493	12/04/2001	Ozawa et al.	600	476
_____	US37	6,441,359	08/27/2002	Cozier et al.	250	216
_____	US38	6,563,105	05/13/2003	Seibel et al.	250	208.1

### FOREIGN PATENT DOCUMENTS

<u>*Examiner Initial</u>	<u>ID</u>	<u>Document No.</u>	<u>Publication Date</u>	<u>Country</u>	<u>Class</u>	<u>Sub- Class</u>	<u>Translation?</u>
_____	F1	EP 1 142 529 A1	10.10.2001	Europe	A61B1	00	
_____	F2	2001174744A2	29.06.2001	Japan	G02B 26	10	No
_____	F3	GB 2340332A	28.01.1999	UK	G02B21	00	
		Abstract Only					

### OTHER INFORMATION

<u>*Examiner Initial</u>	<u>Document No.</u>	<u>Document Information</u>
_____	O1	Barnard, Chris W. and John W. Y. Lit. April 20, 1993. Mode Transforming Properties of Tapered Single-mode Fiber Microlens. <i>Appl. Opt.</i> 30:15: 1958-1962.
_____	O2	Barnard, Chris W. and John W. Y. Lit. May 20, 1991. Single-mode Fiber Microlens with Controllable Spot Size. <i>Appl. Opt.</i> 30:15:1958-1962.
_____	O3	Borreman, A. et al. 2002. "Fabrication of Polymeric Multimode Waveguides and Devices in SU-8 Photoresist Using Selective Polymerization." <i>Proceedings Symposium IEEE/LEOS Benelux Chapter, Amsterdam</i> : pp.83-86.
_____	O4	Dickensheets, D. and G.S. Kino. 1994. "A Scanned Optical Fiber Confocal Microscope." <i>Three-Dimensional Microscopy</i> : 2184:39-47..
_____	O5	Dickensheets, D.L. and G.S. Kino. 5/15/1996. "Micromachined scanning confocal optical microscope." <i>Optics Letters</i> :21:10:764-766.
_____	O6	Lee, Kyung S. and Frank S. Barnes. October 1, 1985. Microlenses on the End of Single-mode Optical Fibers for Laser Applications. <i>Appl. Opt.</i> 24:19: 3134-3139.

### OTHER INFORMATION

<u>*Examiner Initial</u>	<u>Document No.</u>	<u>Document Information</u>
_____	O7	MicroChem. 2001. "SU-8 Resists." 1pg. Available <a href="http://www.microchem.com/products/su_eight.htm">http://www.microchem.com/products/su_eight.htm</a> .
_____	O8	Micro-Chem. Rev. 2/2002. "NANO™ SU-8 2000 Negative Tone Photoresist Formulations 2002-2025." 4pp.
_____	O9	"Optical MEMS 2000 Invited Speakers: Advance Program." 2000. Sponsored by IEEE Lasers and Electro-Optics Society. 16pp. Available: <a href="http://www.ieee.org/organizations/society/leos/LEOSCONF/MEMS/omspeak.html">http://www.ieee.org/organizations/society/leos/LEOSCONF/MEMS/omspeak.html</a> .
_____	O10	Russo, Vera et al. October 1, 1984. Lens-ended Fibers for Medical Applications: A New Fabrication Technique. <i>Appl. Opt.</i> 23:19:3277-3283.
_____	O11	Wang, Wei-Chih et al. 2003. "Deep Reactive Ion Etching of Silicon Using An Aluminum Etching Mask." Proceedings of <i>SPIE</i> . 4876:633-640.
_____	O12	Yamada, Jun-Ichi et al. October 1980. Characteristics of a Hemispherical Microlens for Coupling Between a Semiconductor Laser and Single-Mode Fiber. <i>IEEE J. Quant. Electron.</i> QE-16:10:1067-1072.

\_\_\_\_\_  
Examiner's Signature

\_\_\_\_\_  
Date

\*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RMA:klp  
6/24/04